



Corrigendum: Melatonin: Current Status and Future Perspectives in Plant Science

Muhammad A. Nawaz^{1,2†}, Yuan Huang^{1†}, Zhilong Bie^{1*}, Waqar Ahmed³, Russel J. Reiter⁴, Mengliang Niu¹ and Saba Hameed¹

¹ Key Laboratory of Horticultural Plant Biology, College of Horticulture and Forestry Sciences, Huazhong Agricultural University, Ministry of Education, Wuhan, China, ² Department of Horticulture, University College of Agriculture, University of Sargodha, Sargodha, Pakistan, ³ Sector Advisor-Horticulture, USAID-CNFA, Lahore, Pakistan, ⁴ Department of Cellular and Structural Biology, University of Texas Health Science Center at San Antonio, San Antonio, TX, USA

Keywords: melatonin, biosynthesis, physiological functions, antioxidants, root growth, stress tolerance

A corrigendum on

Melatonin: Current Status and Future Perspectives in Plant Science

by Nawaz, M. A., Huang, Y., Bie, Z., Ahmed, W., Reiter, R. J., Niu, M., et al. (2016). *Front. Plant Sci.* 6:1230. doi: 10.3389/fpls.2015.01230

OPEN ACCESS

Edited and reviewed by:

Haitao Shi,
Hainan University, China

*Correspondence:

Zhilong Bie
biezhilong@hotmail.com

[†]These authors have contributed
equally to this work.

Specialty section:

This article was submitted to
Plant Metabolism and Chemodiversity,
a section of the journal
Frontiers in Plant Science

Received: 22 April 2016

Accepted: 09 May 2016

Published: 24 May 2016

Citation:

Nawaz MA, Huang Y, Bie Z,
Ahmed W, Reiter RJ, Niu M and
Hameed S (2016) Corrigendum:
Melatonin: Current Status and Future
Perspectives in Plant Science.
Front. Plant Sci. 7:714.
doi: 10.3389/fpls.2016.00714

BIOSYNTHESIS

The readers are informed that the text given in the biosynthesis section of originally published article (doi: 10.3389/fpls.2015.01230) at line number 20–30 of page number two is not definitive and has very limited scientific evidence, so it should not be considered.

Some steps illustrated in originally published Figure 1, like the conversion of tryptamine to Indole-3-acetaldehyde and indole acetic acid (IAA), and direct conversion of serotonin to melatonin by SNAT are not definitive, as they have very limited scientific evidence. So these steps should not be considered the part of originally published **Figure 1**.

AUTHOR CONTRIBUTIONS

All authors listed, have made substantial, direct, and intellectual contribution to the work, and approved it for publication.

REFERENCES

Arnao, M. B., and Hernandez-Ruiz, J. (2014). Melatonin: plant growth regulator and/or biostimulator during stress? *Trends Plant Sci.* 19, 789–797. doi: 10.1016/j.tplants.2014.07.006

Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

Copyright © 2016 Nawaz, Huang, Bie, Ahmed, Reiter, Niu and Hameed. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) or licensor are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

